

STANDPIPE VENT PLACEMENT

Standpipe vents should be placed in locations that are least susceptible to vehicular damage, out of pedestrian traffic, as unobtrusive as possible, and they also should provide maximum ventilation in the underground structure. Following is a list of typical installations, in order of preference.

A. Where a planted parkway is present:

1. 18" min. from curb face to vent centerline but not closer than 10" from outside sidewalk edge to vent centerline. In "head in" parking location, vent should not be closer than 24" to curb.
2. On private property, 10" min. from inside sidewalk edge to vent centerline.

B. Where sidewalk is adjacent to curb:

1. 10" min. behind sidewalk edge to vent centerline where street right-of-way exists behind sidewalk, if not, 18" min. from curb face to vent centerline.
2. Same as A.2.

C. When no sidewalk or curb is present, place vent well clear of area where vehicles or pedestrians may travel.

Keep vents a *minimum of four feet (two feet residential)* from the points where curbs begin to slope to driveways, and five feet from fire hydrants.

The total straight lengths of each vent pipe entering a vault should be limited to approximately twenty feet. No more than 2-90° elbows should be utilized in an air duct run.

Where two vents are present, they should exit the structure at opposite ends and be placed a minimum of ten feet apart at the surface.

PVC standpipe vents are standard. Steel standpipe vents should be used only where exposed to vehicular damage or where PVC has had a history of being broken.

Never paint any standpipe vent.

  
Chief Utility Engineer

New Standard

UGS-233.1